

METHODS OF SYNTHESIZING AND LABELING NUCLEIC ACID MOLECULES

ABSTRACT

The present invention is generally related to composition, kits and methods for synthesizing nucleic acid molecules and particularly for synthesizing labeled nucleic acid molecules. Specifically, the invention relates to methods, kits and compositions for synthesizing indirectly labeled nucleic acid molecules. The labeled nucleic acid molecules produced in accordance with the invention are particularly suited as labeled probes for nucleic acid detection, diagnostics, and array analysis.